

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known Application Number: <u>10/664023</u> Filing Date: <u>September 15, 2003</u> First Named Inventor: <u>Tinku Acharya</u> Art Unit: _____ Examiner Name: _____ Attorney Docket Number: <u>42P17531X</u>	
Sheet	1	of	9

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number - Kind Code ² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/GM	1	US-5,875,122	02-23-1999	Acharya	
	2	US-5,995,210	11-30-1999	Acharya	
	3	US-6,009,201	12-28-1999	Acharya	
	4	US-6,009,206	12-28-1999	Acharya	
	5	US-6,047,303	04-04-2000	Acharya	
	6	US-6,091,851	07-18-2000	Acharya	
	7	US-6,094,508	07-25-2000	Acharya et al.	
	8	US-6,108,453	08-22-2000	Acharya	
	9	US-6,124,811	09-26-2000	Acharya et al.	
	10	US-6,130,960	10-10-2000	Acharya	
	11	US-6,151,069	11-21-2000	Dunton et al.	
	12	US-6,151,415	11-21-2000	Acharya et al.	
	13	US-6,154,493	11-28-2000	Acharya et al.	
	14	US-6,166,664	12-26-2000	Acharya	
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	16	US-6,195,026 B1	02-27-2001	Acharya	
	17	US-6,215,908 B1	04-10-2001	Pazmino et al.	
	18	US-6,215,916 B1	04-10-2001	Acharya	
	19	US-6,229,578 B1	05-08-2001	Acharya et al.	
	20	US-6,233,358 B1	05-15-2001	Acharya	

FOREIGN PATENT DOCUMENTS					
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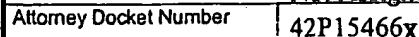
Examiner Signature: <u>/Gregory Madden/</u>	Date Considered: <u>03/15/2007</u>
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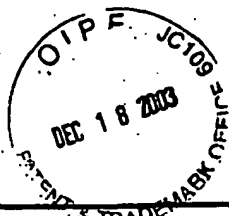
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Substitute for form 1449A/PTO		Complete If Known			
		Application Number	107664,023		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	9/15/2003		
		First Named Inventor	Tinku Acharya		
		Art Unit	Not Assigned		
		Examiner Name	Not Assigned		
Sheet	3	of	9	Attorney Docket Number	42P15466 X

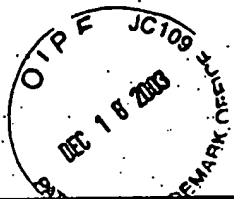
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/GM/	39	TINKU ACHARYA, "A Memory Based VLSI Architecture for Image Compression," Filed 6/30/1997, Application No.: 08/885,415, pp. 1-36, Atty. Docket No.: 042390.P4425.		
	40	BAWOLEK ET AL., "Infrared Correction System," Filed 7/30/1998, Application No.: 09/126,203, pp. 1-23, Atty. Docket No.: INTL-0072-US (P6172).		
	41	PAZMINO ET AL., "Method of Compressing and/or Decompressing a Data Set Using Significance Mapping," Filed 9/11/1998, Application No.: 09/151,336, pp. 1-26, Atty. Docket No.: 042390.P6391.		
	42	TAN ET AL., "Robust Sequential Approach in Detecting Defective Pixels within an Image Sensor," Filed 11/13/1998, Application No.: 09/191,310, pp. 1-35, Atty. Docket No.: 042390.P6575.		
	43	ACHARYA ET AL., "Color Interpolation for a Four Color Mosaic Pattern," Filed 11/24/1998; Application No.: 09/199,836, pp. 1-26, Atty. Docket No.: 042390.P6376		
	44	TAN ET AL., "Using an Electronic Camera to Build a File Containing Text," Filed 4/29/1999, Application No.: 09/301,753, pp. 1-21, Atty. Docket No. 042390.P5742.		
	45	TSAI ET AL., "Method and Apparatus for Adaptively Sharpening an Image," Filed 5/26/1999, Application No.: 09/320,192, pp. 1-29, Atty. Docket No.: 042390.P6452.		
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	47	TAN ET AL., "A Hardware Efficient Wavelet-Based Video Compression Scheme," Filed 6/29/1999, Application No.: 09/342,863, pp. 1-32, Atty. Docket No.: 042390.P6529.		
	48	TAN ET AL., "A Methodology for Color Correction with Noise Regulation," Filed 7/23/1999, Application No.: 09/359,231, pp. 1-30, Atty. Docket No.: 042390.P7320.		
	49	ACHARYA ET AL., "Image Processing Method and Apparatus," Filed 7/23/1999, Application No.: 09/359,523, pp. 1-16, Atty. Docket No.: INTL-0237-US (P7323).		
	50	ACHARYA ET AL., "Zero-tree Encoding of Wavelet Data," Filed 9/03/1999, Application No.: 09/390,255, pp. 1-22, Atty. Docket No.: INTL-0210-US (P7057).		
	51	ACHARYA ET AL., "A Fuzzy Based Thresholding Technique for Image Segmentation," Filed 9/10/1999, Application No.: 09/393,136, pp. 1-28, Atty. Docket No.: 042390.P7114.		
✓	52	ACHARYA ET AL., "A Fuzzy Distinction Based Thresholding Technique for Image Segmentation," Filed 9/10/1999, Application No.: 09/393,017, pp. 1-29, Atty. Docket No.: 042390.P7115.		

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		Examiner Name	Not Assigned		
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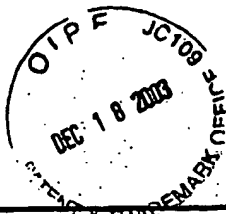
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/GM/	53	TINKU ACHARYA, "Video Motion Estimation," Filed 9/27/1999, Application No.: 09/406,032, pp. 1-24, Atty. Docket No.: INTL-0260-US (P7330).	
	54	ACHARYA ET AL., "Method of Interpolating Color Pixel Signals from a Subsampled Color Image," Filed 10/01/1999, Application No.: 09/410,800, Atty. Docket No.: 042390.P7331.	
	55	ACHARYA ET AL., "Method of Compressing a Color Image," Filed 10/01/1999, Application No.: 09/411,697, pp. 1-26, Atty. Docket No.: 042390.P7463.	
	56	ACHARYA ET AL., "Square Root Raised Cosine Symmetric Filter for Mobile Telecommunications," Filed 10/29/1999, Application No.: 09/429,058, pp. 1-26, Atty. Docket No.: INTL-0280-US (P7629).	
	57	TINKU ACHARYA, "Discrete Filter," Filed 11/02/1999, Application No.: 09/432,337, pp. 1-16, Atty. Docket No.: INTL-0277-US (P7626).	
	58	ACHARYA ET AL., "Indexing Wavelet Compressed Video for Efficient Data Handling," Filed 11/10/1999, Application No.: 09/438,091, pp. 1-29, Atty. Docket No.: INTL-0261-US (P6454).	
	59	TINKU ACHARYA, "Method of Upscaling a Color Image," Filed 12/14/1999, Application No.: 09/461,080, pp. 1-22, Atty. Docket No.: 042390.P7489.	
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	61	ACHARYA ET AL., "Chip Rate Selectable Square Root Raised Cosine Filter for Mobile Telecommunications," Filed 12/20/1999, Application No.: 09/467,487, pp. 1-44, Atty. Docket No.: INTL-0323-US (P8026).	
	62	MIAO ET AL., "Dual Mode Filter for Mobile Telecommunications," Filed 11/18/1999, Application No.: 09/467,611, pp. 1-31, Atty. Docket No.: INTL-0324-US (P8027).	
	63	METZ ET AL., "Image Processing Architecture," Filed 12/28/1999, Application No.: 09/473,643, pp. 1-16, Atty. Docket No.: INTL-0322-US (P8050).	
	64	TINKU ACHARYA, "A Block-Matching Algorithm for Color Interpolation," Filed 1/28/2000, Application No.: 09/494,087, pp. 1-45, Atty. Docket No.: 042390.P5090D.	
✓	65	ACHARYA ET AL., "Method of Inverse Quantizing Quantized Signal Samples of an Image During Image Decompression," Filed 2/18/2000, Application No.: 09/507,213, pp. 1-32, Atty. Docket No.: 042390.P8350.	

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		Art Unit	Not Assigned
		Examiner Name	Not Assigned
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		Attorney Docket Number	42P15466X

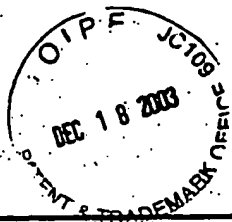
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/GM/	66	ACHARYA ET AL., "Method of Quantizing Signal Samples of an Image During Image Compression," Filed 2/18/2000, Application No.: 09/507,399, pp. 1-24, Atty. Docket No.: 042390.P7135.	
	67	ACHARYA ET AL., "Method of Integrating a Watermark into an Image," Filed 3/06/2000, Application No.: 09/519,874, pp. 1-27, Atty. Docket No.: 042390.P7136.	
	68	ACHARYA ET AL., "Method of Using Hue to Interpolate Color Pixel Signals," Filed 6/12/2000, Application No.: 09/591,867, pp. 1-23, Atty. Docket No.: 042390.P8746.	
	69	KIM ET AL., "Method of Performing Motion Estimation," Filed 6/16/2000, Application No.: 09/596,127, pp. 1-28, Atty. Docket No.: 042390.P8747.	
	70	DUNTON ET AL., "Dual Mode Digital Camera for Video and Still Operation," Filed 6/16/2000, Application No.: 09/595,055, pp. 1-30, Atty. Docket No.: 042390.P5079C.	
	71	ACHARYA ET AL., "Method of Compressing an Image," Filed 6/19/2000, Application No.: 09/597,354, pp. 1-23, Atty. Docket No.: 042390.P8760.	
	72	ACHARYA ET AL., "Method of Video Coding the Movement of a Human Face from a Sequence of Images," Filed 6/30/2000, Application No.: 09/608,989, pp. 1-25, Atty. Docket No.: 042390.P8762.	
	73	ACHARYA ET AL., "Method of Video Coding Shoulder Movement from a Sequence of Images," Filed 6/30/2000, Application No.: 09/607,724, pp. 1-24, Atty. Docket No.: 042390.P8763.	
	74	ACHARYA ET AL., "Model-Based Video Image Coding," Filed 6/30/2000, Application No.: 09/608,991, pp. 1-36, Atty. Docket No.: 042390.P8764.	
	75	TINKU ACHARYA, "Techniques to Implement One-Dimensional Compression," Filed 9/18/2000, Application No.: 09/666,486, pp. 1-18, Atty. Docket No.: 042390.P9921.	
	76	ACHARYA ET AL., "Imaging Device Connected to Processor-Based System Using High-Bandwidth Bus," Filed 11/29/2000, Application No.: 09/726,773, pp. 1-31, Atty. Docket No.: INTL-0494-US (P10274).	
	77	ACHARYA ET AL., "A Method for Block-Based Digital Image Watermarking," Filed 11/29/00, Application No.: 09/727,288, pp. 1-11, Atty. Docket No.: 5038-84 (P10266).	
	78	ACHARYA ET AL., "Color Filter Array & Color Interpolation Algorithm," Filed 11/30/2000, Application No.: 09/727,038, pp. 1-36, Atty. Docket No.: INTL-0512-US (P10263).	
V	79	KIM ET AL., "Method of Performing Video Encoding Rate Control," Filed 1/03/2001, Application No.: 09/754,227, pp. 1-28, Atty. Docket No.: 042390.P10264.	

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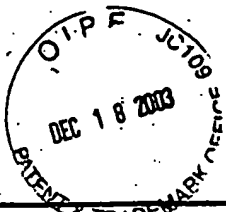
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/GM/	80	KIM ET AL., "Method of Performing Video Encoding Rate Control Using Motion Estimation," Filed 1/03/2001, Application No.: 09/754,683, pp. 1-27, Atty. Docket No.: 042390.P10265.	
	81	KIM ET AL., "Method of Performing Video Encoding Rate Control Using Bit Budget," Filed 1/03/2001, Application No.: 09/754,682, pp. 1-25, Atty. Docket No.: 042390.P10587.	
	82	TINKU ACHARYA, "Multiplierless Pyramid Filter," Filed 1/03/2001, App. No.: 09/754,684, pp. 1-22; Atty. Docket No.: 042390.P10722.	
	83	ACHARYA ET AL., "Image Retrieval Using Distance Measure," Filed 3/23/2001, Application No.: 09/817,000, pp. 1-28, Atty. Docket No.: INTL-0542-US (P10975).	
	84	TINKU ACHARYA, "Two-Dimensional Pyramid Filter Architecture," Filed 3/26/2001, Application No.: 09/817,711, pp. 1-32, Atty. Docket No.: 042390.P11275.	
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	91	ACHARYA ET AL., "Method & Apparatus for Three-Dimensional Wavelet Transform," Filed 5/29/2001, Application No.: 09/867,784, pp. 1-30, Atty. Docket No.: 042390.P11707.	
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/GM/	94	TINKU ACHARYA, "SAD Computation Architecture," Filed 9/29/2000, Application No.: 09/677,830, pp. 1-27, Atty. Docket No.: 042390.P9824.	
	95	ACHARYA ET AL, "A Method of Generating Huffman Code Length Information," Filed 10/31/2000, Application No.: 09/704,392, pp. 1-25, Atty. Docket No.: 042390.P9804.	
	96	ACHARYA ET AL, "A Method of Performing Huffman Decoding," Filed 10/31/2000, Application No.: 09/704,380, pp. 1-26, Atty. Docket No.: 042390.P9820.	
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	98	TINKU ACHARYA, "Method & Apparatus for Two-Dimensional Seperable Symmetric Filtering," Filed 11/15/2000, Application No.: 09/713,663, pp. 1-20, Atty. Docket No.: 5038-80 (P10409).	
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	100	ACHARYA ET AL, "Developing an Euler Vector for Images," Filed 11/27/2000, Application No.: 09/722,979, pp. 1-45, Atty. Docket No.: INTL-0495-US (P10405).	
	101	ACHARYA ET AL, "Computing the Euler Number of a Binary Image," Filed 11/27/2000, Application No.: 09/722,982, pp. 1-31, Atty. Docket No.: INTL-0493-US (P10273).	
	102	ACHARYA ET AL, "Wavelet Coding of Video," Filed 11/27/2000, Application No.: 09/722,988, pp. 1-40, Atty. Docket No.: INTL-0514-US (P9822).	
	103	ACHARYA ET AL, "Encoding of Wavelet Transformed Error Data," Filed 11/27/2000, Application No.: 09/723,123, pp. 1-38, Atty. Docket No.: INTL-0210-P1-US (P7057X).	
	104	TINKU ACHARYA, "Method & Apparatus for Image Scaling," Filed 7/27/2001, Application No.: 09/917,476, pp. 1-19, Atty. Docket No.: 042390.P11959.	
	105	BECKER ET AL, "Variable Length Coding Packing Architecture," Filed 8/22/2001, Application No.: 09/935,524, pp. 1-29, Atty. Docket No.: 042390.P10891.	
	106	TINKU ACHARYA, "Fast Half-Pixel Motion Estimation Using Steepest Descent," Filed 9/05/2001, Application No.: 09/947,266, pp. 1-18, Atty. Docket No.: 5038-132 (P12517).	
✓	107	TINKU ACHARYA, "Signal to Noise Ration Optimization for Video Compression Bit-Rate Control," Filed 9/05/2001, Application No.: 09/947,331, pp. 1-25, Atty. Docket No.: 5038-133 (P12524).	

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/GM/	108	ACHARYA ET AL., "Method & Apparatus for Providing a Binary Fingerprint Image," Filed 9/13/2001, Application No.: 09/952,284, pp. 1-26, Atty. Docket No.: 042390.P12797.	
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Examiner
Signature

/Gregory Madden/

Date

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 9 of 9

Complete if Known

Application Number 10/664,023

Filing Date 9/15/2003

First Named Inventor : Tinku Acharya

Art Unit	Not Assigned
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Examiner Name	Not Assigned
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Attorney Docket Number 42P15466X

OTHER ART - NON PATENT LITERATURE DOCUMENTS

[illegible]Examiner
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